



Water management in Ontario

**Ontario
Water Resources
Commission**

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Bibliography and Reference Material

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In addition to the general brochures on water management, Teacher and Student Resource Kit material, OWRC makes available this booklet 'Bibliography and Reference Material' as a supplementary source of information. This publication lists titles of books, special reports, journals, films, filmstrips together with a listing of publishers. We suggest that you check your school library or the community reference libraries as to the availability of these books and journals.

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* The addresses of the publishers are
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- BIBLIOGRAPHY AND REFERENCE MATERIAL -

WATER POLLUTION - BIOLOGICAL ASPECTS

BOOKS & ARTICLES

Hynes, H.B.N. The Biology of Polluted Waters
Published by, The liverpool University Press, 1960. 202 pages.

Chant, Donald. Pollution Probe
Published by, New Press (Toronto), 1970. 209 pages.

United States. Dept. of the Interior. Federal Water Pollution Control Agency. Biology of Water Pollution: A Collection of Selected Papers on Stream Pollution, Waste Water and Water Treatment. 1967. 209 pages.

United States. Dept. of the Interior. Federal Water Pollution Control Agency. The Practice of Water Pollution Biology. Edited by, J.M. MacKenthun. 1969. 281 pages.

Wilber, Charles G. The Biological Aspects of Water Pollution.
Published by, Charles C. Thomas. 1969. 296 pages.

Pollution of Lake Erie, Lake Ontario and the International Section of the St. Lawrence River. 1969.

Volume 2 - Lake Erie; Volume 3 - Lake Ontario and the International Section of the St. Lawrence River; Volume 1 - Summary.
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Special Report on Potential Oil Pollution, Eutrophication and Pollution. from Watercraft.

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Third Intrim Report on Pollution of Lake Erie; Lake Ontario and the International Section of the St. Lawrence River.

by The International Joint Commission, April 1970.
The International Joint Commission, Ottawa, Ontario.

JOURNALS

Effluent and Water Treatment, Journal.
Environmental Science and Technology.
Institute of Water Pollution Control, Journal.
Water and Pollution Control.

ECONOMIC ASPECTS OF WATER POLLUTION CONTROL

BOOKS & ARTICLES

Dales, J.H. Pollution, Property and Prices
Published by the University of Toronto Press, 1968. 111 pages.

Purdue University, Industrial Waste Conference, 1966, Vol. 21
Pages 815 - 833. 'The Economics of Regional Pollution Control
Systems' by Rolfe A. Deininger.

Kneese, Allen V. Water Pollution: Economic Aspects & Research
Needs. Published by, Resources for the Future Inc., 1962. 107
pages.

Kneese, Allen V. Managing Water Quality Economics, Technology,
Institutions. Published by, Resources for the Future Inc.,
1968. 107 pages.

Kneese, Allen V. The Economics of Regional Water Quality Management.
Baltimore, 1964. John Hopkins Press. 215 pages.

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Control Agency. The Cost of Clean Water. Vol. 1 - Summary; Vol. 2 -
Detailed Analysis; Vol. 3 - Industrial Waste Profiles. 1967.

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Control Agency. The Cost of Clean Water and Its Economic Impact.
Vol. 1- The Report; Vol. 2 - Appendix; Vol. 3 - Sewerage Charges;
Vol. 4 - Projected Costs in the Organic Chemicals Industry. 1969.

United States. Department of the Interior. Federal Water Pollution
Control Agency. The Economics of Clean Water. Vol. 1 - Detailed
Analysis; Vol. 2 - Animal Wastes Profile; Vol. 3 - Inorganic
Chemicals Industry Profile; Summary. 1970.

Water Pollution Control Federation: Water Pollution Control Facts.
1968. 16 pages.

JOURNALS

American Water Works Association, Journal.
Water and Pollution Control, Journal (Canadian)
Water Pollution Control Federation, Journal.
Water Resources Research, Journal.

SOLID WASTE MANAGEMENT

BOOKS & ARTICLES

DeVos, A. and others. The Pollution Reader, Based on the National Conference on 'Pollution and our Environment'. Held in 1966. Published by Harvest House, Montreal. 1968. 264 pages.

Grava, Sigurd, Urban Planning Aspects of Water Pollution Control. Published by Columbia University Press. 1969. 223 pages.

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Johnson, Huey D. Editor. No Deposit - No Return. An anthology of papers presented at the 13th National Conference of the U.S. Commission for UNESCO, November, 1969. Chapter 7 "Solid Waste Management" by, Rolf Eliassen. Published by Addison-Wesley Co., 1970. 351 pages.

Maunder, W.J. Editor. Pollution: What It Is ... What It Does... What Can Be Done About It. Pages 87 - 104 'Waste Management and Environmental Quality in Victoria, B.C.' Published by the University of Victoria Press. 1969. 115 pages.

Ontario. Department of Energy and Resources Management, Waste Management Branch. Metropolitan Toronto Regional Industrial Waste Symposium. Collection of papers presented. 1970.

United States. Department of Health, Education and Welfare. Public Health Service. Bureau of Solid Waste Management. Land Disposal of Municipal Solid Wastes in Selected Standard Metropolitan Statistical Areas in Texas. A particularly good introductory chapter dealing with the problem of solid waste management. 1969.

JOURNALS

Refuse Removal Journal: Solid Waste Management.
Environmental Science and Technology.
Municipal World.
Pulp & Paper Magazine of Canada.
Canadian Pulp & Paper Industry.

MERCURY

BOOKS & ARTICLES

Canadian Wildlife Service, Pesticide Section. Mercury Uses in Canada and Their Possible Hazards as Sources of Mercury Contamination. Manuscript Rept. No. 17 by, N. Fimreite. 1969. 19pages.

Mercury's Turn as Villain. In Chemical Engineering (Journal) V. 77(16): p.84 - 86. 1970.

Canadian Agricultural Chemicals Assoc. 18th annual Meeting and Conference, Sept. 1970. Gurba, J.B. "Mercury Situation in Alberta". Paper presented at this conference.

Fimreite, Norvald, "Mercury Contamination of Canadian Fish and Fish-eating Birds". In Water and Pollution Control (Journal) v.108(11): p.20-25 1970.

Sweden. Royal Commission on Natural Resources. The Mercury Problem. A symposium concerning mercury in the environment held at Wennergren Center in Stockholm, January, 1966.

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BIBLIOGRAPHIES

Canada. Dept. of Energy, Mines and Resources. Geological Survey. Mercury in the Natural Environment: a Review of Recent Work. Paper 70-57. By, I.R. Jonasson. 1970. 39 pages.

United States. Dept. of the Interior. Office of Library Services. Mercury Contamination in the Natural Environment. A co-operative bibliography. July 1970. 32 pages.

JOURNALS

Water and Pollution Control.
Environmental Science and Technology.

WATER DIVERSION

(see relevant chapters in the following items:)

Cram, J.S. Water: Canadian Needs and Resources. Published by Harvest House Ltd., 1968.

Dolman, Claude E., Editor. Water Resources of Canada. Symposium presented to the Royal Society of Canada. Published by, The University of Toronto Press, 1967.

Nelson, J.G. and M.J. Chambers, Editors. Water: Process and Method in Canadian Geography. Published by Methuen, 1969.

Texas University, Center for Research in Water Resources. Effects of Watershed Changes on Streamflow. Water Resources Symposium No. 2. Edited by Walter L. Moore and Carl W. Morgan, Published by The University of Texas Press. 1969.

American Water Resources Association. Water Balance in North America. Proceedings of the symposium held at Banff, Alberta. June 23 - 26 , 1969.

THERMAL POLLUTION

Parker, Frank L. and Peter A. Krenkel. Thermal Pollution: Status of the Art. Published by, Vanderbilt University, School of Engineering, Nashville, Tenn. December, 1969. \$4.00

Parker, Frank L. and Peter A. Krenkel. Engineering Aspects of Thermal Pollution. Published by, Vanderbilt University Press, 1969. 351 pages. \$7.95

Krenkel, Peter A. and Frank L. Parker. Biological Aspects of Thermal Pollution. Published by, Vanderbilt University Press, 1969. 407 pages.

GENERAL REFERENCE MATERIAL

BOOKS

The Water Encyclopedia. Published by Water Information Center, Water Research Building, Manhasset Isle, Port Washington, New York, 1970.

McLennan, G.S. Editor, Protecting our Environment. N.Y., 1970. H.W. Wilson Co. 218 pages. 'Reference Shelf' series.

Wade, M. Editor. The International Megalopolis. Toronto 1969. University of Toronto Press. 171 pages.

Herber, L. Crisis in our Cities. Baltimore, 1968. John Hopkins Press. 328 pages.

Vallentine, H.R. Water in the Service of Man. Harmondsworth, 1967. Penguin Books. 224 pages.

Clark, J.W. and W. Viessman. Water Supply and Pollution Control. Scranton, Pa., 1966. International Textbook Co. 575 pages.

Fair, G. Water Supply and Waste-Water Disposal. N.Y., 1954 John Wiley, 973 pages.

Steele, E.W. Water Supply and Sewerage, N.Y., 1960. McGraw-Hill. 655 pages.

Perry, J. Our Polluted World. N.Y., 1967. Franklin Watts Inc. 213 pages.

Camp, T.R. Water and Its Impurities N.Y., 1963. Reinhold, 355 pages.

Grava, Sigurd, Urban Planning Aspects of Water Pollution Control. N.Y. 1969. Columbia University Press. 223 pages.

World Health Organization. Control of Water Pollution: a Survey of Existing Legislation. Geneva, 1967. WHO. 210 pages.

American Water Works Association. Water Quality and Treatment. 2nd. ed. N.Y., 1951. American Water Works Association. 520 pages.

Eckenfelder, W.W. Industrial Water Pollution Control. N.Y., 1966. McGraw-Hill, 275 pages.

Benarde, M.A. Our Precarious Habitat. N.Y., 1970. Norton, 362 pgs.

Cont'd

(Cont'd from Gen'l Ref. Book Section)

Canadian Council of Resource Ministers. A Digest of Water Pollution Control Legislation. 1970. Published by, Canadian Council of Resource Ministers, 620 Dorchester Blvd. West, Suite 830, Montreal 2, Que.

Weaver, S.C. Scientific Experiments in Environmental Pollution. Holt, Rinehart and Winston.

JOURNALS

American Water Works Association, Journal.
Canadian Pulp & Paper Industry,
Effluent and Water Treatment,
Environmental Science and Technology,
Institute of Water Pollution Control,
Municipal World,
Pulp and Paper Magazine of Canada,
Refuse Removal Journal: Solid Waste Management,
Water and Pollution Control,
Water Pollution Control Federation,
Water Resources Research.

NEWSLETTERS & MANUALS

MANUALS

Simplified Laboratory Procedures for Waste Water Examination.
Publication #18 of the Water Pollution Control Federation.

Simplified Procedures for Water Examination. Manual #12 of the
American Water Works Association.

NEWSLETTERS

Air and Water Pollution. Gerald Leinwand, Editor. Washington
Square Press. New York (weekly)

Canadian Water, A Digest of Water Management Trends, C.L.
Siffald Agrebusiness Ltd., Ste. 1 - 1609A Centre Street North,
Calgary 41, Alberta. (monthly)

Willing Water. Published by the American Water Works Association,
2 Park Avenue, New York, N.Y. 10016. (semi-monthly)

Sources. Published by Canadian Council of Resource Ministers,
620 Dorchester Blvd. West, Suite 830, Montreal Que. (monthly)

References: Published by Canadian Council of Resource Ministers,
620 Dorchester Blvd. West, Suite 830, Montreal 2, Que. (monthly)

FILMS

The following seven films on the subject of water and water pollution may be obtained by letter or postcard to:

Modern Talking Pictures Service,
1943 Leslie Street,
Don Mills, Ontario.
444-7347

Three to four weeks notice prior to the date required is recommended. Alternate dates will ensure availability.

The Choice is Yours: 13 minutes, colour.

This film was produced for OWRC, and is directed to all audiences. The film combines the historical significance of water in Ontario's development, the pollution problem, the role of the Ontario Water Resources Commission in combating the problem and solicits the assistance of the viewer.

The Invisible River: 19 minutes, colour.

This film was produced by the OWRC and is directed to all audiences. The film deals with the construction of a pipeline water supply system built to supply water from the Great Lakes to an inland community. The undertaking is compared to a child's sand project at the beach.

The River Must Live: 21 minutes, colour.

This film was produced in Europe and is an excellent study of pollution unchecked in a river and the ultimate effects. It outlines the water environment and the effect pollution has upon it. Solutions are proposed and treatment methods discussed.

Clean Water, It's Your Decision: 14 minutes, colour.

This film was produced in the U.S. and is directed to all audiences. The film is animated and points out the need for adequate methods to control pollution. It highlights the causes of pollution and gives a resume of processes used to prevent it. Drinking water purification is briefly discussed.

A Matter of Attitudes: 29 minutes, colour & black & white.

This film was produced in Canada and presents an enquiry into the problem of air and water pollution. It gathers opinions from technical personnel and a cross-section of Canadian citizens. Adult viewing recommended.

Water Management in Ontario: 7 minutes, colour.

This film was produced by the OWRC and is directed to all audiences. The film gives a brief look at the part water plays in our environment and highlights the work and activities of OWRC staff in various areas of the water management program.

Teamwork: 23 minutes, colour

This film was produced by the OWRC and is directed to all audiences. The film deals with the interrelated responsibility between the Commission and the general public for the protection of our water resources.

FILMS AVAILABLE FROM OTHER SOURCES:

Water Water: 25 minutes, colour

Produced by the Conservation Branch of the Department of Energy and Resources Management, the film details the role of the branch and its affiliation with other departments and agencies within the government in the overall water conservation program. Available from: Association of Industrial Films, 333 Adelaide West, Toronto, Ontario. 362-2501.

Element 3 45 minutes, colour.

A look at water, pollution and water management throughout the world. National Film Board of Canada, Distribution Branch, 1 Lombard Street E, Toronto, Ontario. 369-4093.

The Rise and Fall of the Great Lakes 16 minutes, colour.

Produced by the International Film Board, the film takes a humorous look at the history of the Great Lakes, their role in the economy of the Great Lakes basin and pollution problems confronting the lakes today.

National Film Board of Canada, Distribution Branch, 1 Lombard Street E., Toronto, Ont. 369-4093.

The Erie Report 45 minutes, colour.

Produced by CFPL-TV, London, as a public service program, it documents Lake Erie's present industrial pollution problems, placing particular emphasis on their effects on the quality of the lake.

National Film Board of Canada, Distribution Branch, 1 Lombard Street E., Toronto, Ont. 369-4093.

FILMSTRIPS

You can order a complete set of the filmstrips on water pollution or any of the other LIFE Teaching Aids from:

Life Education Program,
Box 834,
Radio City Post Office,
New York, New York 10019.

Water Pollution:

Part 1 : The Great Lakes: History and Ecology.

The pollution problems of the Great Lakes are a direct result of the fantastic economic, commercial and industrial growth of the lakes region. This filmstrip shows how the great waterway came to be -geographically and historically- including the lakes formation by glaciers, exploration by the French, exploitation from the days of John Jacob Astor up to the present.

Part II : The Great Lakes: The Causes of Pollution.

The largest single source of fresh water on earth is now seriously polluted - Lake Erie has even been called a cesspool. This filmstrip discusses the pollution problems of the Great Lakes - shipping pollution, municipal sewage, landfill, agricultural pesticides, detergents, industrial waste and new pollutants such as mercury.

Part III: The Great Lakes: The Results of Pollution.

This filmstrip describes the results of pollution on the Great Lakes - closed beaches, ruination of the fishing industry, drop in tourism, stinking marshes, threatened dunes, endangered health of millions - and what can be done about it , by government, state, city, company, and citizen action and through suite and counter-suite against industries and communities.

PUBLISHERS

BOOKS

Addison-Wesley Publishing Co. Inc.,
Reading Mass., 01867

American Public Health Association Inc.,
740 Broadway Avenue,
New York, N.Y. 10019.

American Water Resources Association,
103 North Race Street,
P.O. Box 434,
Urbana, Ill., 61801.

British Information Service,
200 University Avenue,
Toronto, Ontario.

Babbitt Book, Co.,
Box 4105,
Cleveland, Ohio 44123.

Canadian Wildlife Service,
Pesticide Section,
400 Laurier Avenue, West,
Ottawa 4, Ont.

Charles C. Thomas,
301-327 E. Lawrence Avenue,
Springfield Ill. 62703

Columbia University Press,
440 W 110th Street,
New York, N.Y. 10025.

Franklin Watts Inc.,
845 3rd Avenue,
New York, N.Y. 10022.

Harvest House,
1364 Greene Avenue,
Montreal 6, Quebec.

The International Joint Commission,
151 Slater Street,
Ottawa, Ontario.

NOTE:

All United States water, air and waste management agencies formerly attached to various government departments are now under the United States Environmental Protection Agency, and so indicated in this list of publishers.

International Textbook Co.,
Scranton, Penn., 18515.

John Hopkins Press,
Baltimore MD,. 21218.

The Liverpool University Press,
Liverpool University,
Liverpool 7, England.

McGraw-Hill Book Co.,
330 W. 42nd Street,
New York, N.Y. 10036.

Methuen,
145 Adelaide West,
Toronto,Ontario.

Metropolitan Central Reference Library,
College & St. George,
Toronto,Ontario.

New Press (Toronto),
671 Spadina Avenue,
Toronto,Ontario.

Norton W.W. & Co. Inc.,
55 5th Avenue,
New York, N.Y. 10003.

Ontario Department of Energy and Resources Management,
Waste Management Branch,
880 Bay Street,
Toronto,Ontario.

Popular Library Inc.
355 Lexington Avenue,
New York, N.Y. 10017.

Purdue University, LaFayette
Water Resources Research Center
Life Science,
Indiana 47907.

Penquin Books Inc.
7110 Ambassador Road,
Baltimore 21207.

Resources for the Future Inc.,
1755 Massachusetts Avenue, N W,
Washington, D.C. 20036.

United States, Environmental Protection Agency,
Public Health Service,
Bureau of Solid Waste Management,
Cincinnati, Ohio.

United States, Environmental Protection Agency, FWQA.
633 Indiana Avenue N.W.,
Washington, D.C. 20242.

University of Texas Press,
Box 7819,
Austin Texas, 78712.

University of Toronto Press,
St. George Campus,
Toronto, Ontario.

University of Victoria Press,
University of Victoria,
Victoria, B.C.

Van-Nostrand - Reinhold Books,
Division of L.H. Educational Publishers Inc.
New York, N.Y. 10001.

Washington Square Press; Orders to:
Simon & Schuster
1 W 39th Street,
New York, N.Y. 10018.

Water Pollution Control Federation,
3900 Wisconsin Avenue NW.,
Washington D.C. 20016.

Wiley, John & Sons Inc.
665 3rd Avenue,
New York, N.Y. 10016.

H.W. Wilson Co.
950 University Avenue,
Bronx, N.Y. 10452.

World Health Organization,
United Nations,
U.N. Building, New York, N.Y.

JOURNALS

American Water Works Association	American Water Works Assoc., 2 Park Avenue, New York, N.Y. 10016.
Canadian Pulp & Paper Industry	The McLean-Hunter Publications, 481 University Avenue, Toronto 2, Ontario.
Effluent and Water Treatment	Thunderbird Enterprises Ltd., 102 College Road, Harrow Middlesex, England.
Environmental Science and Technology:	American Chemical Society, 1155 16th Street N.W., Washington 20036, D.C.
Institute of Water Pollution Control	Inst. of Water Pollution Control, 49-55 Victoria Street, Westminster, London SW 1.
Municipal World	Municipal World Ltd., St. Thomas, Ontario.
Pulp and Paper Magazine of Canada	National Business Publications Ltd., Information Centre, Gardenvale 800, Quebec.
Refuse Removal Journal	R.R. J. Publishing Co. 210 E 53rd Street, New York, 22, N.Y. 10022
Water and Pollution Control Federation	Canadian Inst. of Pollution Control, c/o City Engineer's Office, Peterborough, Ontario.
Water and Pollution Control	Southam Business Publishers Ltd., 1450 Don Mills Road, Don Mills, Ontario.
Water Resources Research	American Geophysical Union, 2100 Pennsylvania Avenue NW., Washington D.C. 10022.

NOTE

It is recommended that a check be made in the school or community reference library for copies of the above journals.

PROVINCIAL WATER POLLUTION CONTROL AGENCIES

The names of the different agencies in the provinces responsible for water pollution control are given herewith; There may be other departments of government having control in this field but no attempt is made to list all of these.

BRITISH COLUMBIA

B.C. Pollution Control Board,
Parliament Buildings,
Victoria, B.C.

SASKATCHEWAN

- A. Division of Sanitation,
Department of Public Health,
Provincial Health Building,
Regina, Sask.
- B. Water Rights Branch,
Water Resources Commission,
Parliament Buildings,
Regina, Sask.

ALBERTA

Dept. of Environmental
Improvement,
Administration Building,
Edmonton 6, Alberta.

MANITOBA

Environmental Sanitation Section,
Department of Health and Public
Welfare,
305 Norquay Bldg.,
401 York Avenue,
Winnipeg, Manitoba.

GOVERNMENT OF CANADA

Dept. of Fisheries,
Information Branch,
Sir Charles Tupper Bldg.,
Ottawa, Ontario.

QUEBEC

Quebec Water Board,
Technical Assistance,
1995 Charest Blvd., West,
Ste. Foy 10, Quebec.

NOVA SCOTIA

Nova Scotia Water Resources
Commission,
P.O. Box 2107,
Halifax, N.S.

NEWFOUNDLAND

Department of Resources,
Parliament Buildings,
St. John's, Newfoundland.

ONTARIO

Division of Public Relations
and Information,
Ontario Water Resources Commission,
135 St. Clair Avenue West,
Toronto 7, Ontario.

NEW BRUNSWICK

N.B. Water Authority,
P.O. Box 1270,
Fredericton, N.B.

PRINCE EDWARD ISLAND

P.E.I. Water Authority,
P.O. Box 2000,
Charlottetown, P.E.I.